

10082511 060703

Handwritten: 10082511 060703

CLAIMS

1. A method of operating a wind park comprising at least two wind power installations, wherein the power output from the wind power installations is limited in respect of its magnitude to a maximum possible network feed value which is lower than the maximum possible value of the power to be outputted (rated power output) and the maximum possible feed value is determined by the receiving capacitance (line capacitance) of the network into which the energy is fed and/or by the power capacitance of the energy transmission unit or the transformer, by means of which the energy produced by the wind power installation is fed into the network.
2. A wind park with a rated power output which is greater than the power output which can/may be fed into the power supply network to which the wind park is connected.
3. A wind park as set forth in claim 2 characterized in that the power output of at least one or more wind power installations or all wind power installations of the wind park is throttled when the maximum possible network feed power output value is reached.
4. A wind park as set forth in one of the preceding claims characterized in that the throttling of the power output for all wind power installations is of equal magnitude or different.
5. A wind park as set forth in one of the preceding claims characterized in that at least one wind power installation of the wind park has a data input, by means of which the electrical power output of the wind power installation can be set in a range of between 0 and 100% of the respective rated power output, and that there is provided a data processing apparatus which is connected to the data input and by means of which the setting value is set in the range of between 0 and 100%

depending on how great the respective power output is, which the entire wind park makes available at its output for feeding into an energy network.

6. A wind park as set forth in one of the preceding claims characterized in that the wind power installations which are first exposed to the wind within the wind park are less limited in their power output than wind power installations which are behind the aforementioned wind power installations in the direction of the wind.